

NEW SYNONYMY AND LECTOTYPE DESIGNATIONS
IN NORTH AMERICAN COCCINELLIDAE (COLEOPTERA)

ROBERT D. GORDON

Systematic Entomology Laboratory,
Agricultural Research Service, USDA¹

In the course of preparing a taxonomic revision of the North American Scymnini, the types of *Hyperaspis sexualis* Casey (transferred to *Scymnus* by Dobzhansky, 1941) were examined and found to be conspecific with *Blaisidelliana vanduzeei* Gordon (1970). The correct synonymy is listed below.

This opportunity is also taken to discuss several Mulsant names included by Dobzhansky (1941) in his revision of the United States Hyperaspini. In most instances the types were not available to him for examination. The species most in doubt are those Mulsant named from the Dejean collection; the latter is now in the Muséum d'Histoire Naturelle, Lyon, France. Through the courtesy of the Director of that museum, Dr. L. David, I have been able to examine the Dejean Coccinellidae and am able to make the confirmations or corrections on Dobzhansky's assignments listed below.

Blaisidelliana sexualis (Casey), **new combination**

Hyperaspis sexualis Casey, 1924:167.

Scymnus sexualis; Dobzhansky, 1941:86.

Blaisidelliana vanduzeei Gordon, 1970:43. **NEW SYNONYMY.**

There are 4 type specimens of *sexualis* in the Casey collection [USNM], all labeled "St. George, Utah, July, Wickham/35158". The first of these, a male, is here designated and labeled lectotype, the other 3 paralectotypes.

Hyperaspis binotata (Say)

Coccinella binotata Say, 1826:302.

Hyperaspis guexi Mulsant, 1850:687. **NEW SYNONYMY.**

Dobzhansky (1941) placed *guexi* as a synonym of *H. bigeminata* (Randall), but *guexi* is a typical example of *binotata*. The single male specimen remaining in the Dejean collection labeled "Am. Bor., LeConte" is here designated lectotype, because it is clear from Mulsant's description that he had more than 1 specimen.

Hyperaspis inedita Mulsant

Hyperaspis inedita Mulsant, 1850:684.

Hyperaspis pinorum Casey, 1924:162; Dobzhansky, 1941:28. **NEW SYNONYMY.**

Dobzhansky was not certain of the identity of *inedita* and so retained the name *pinorum*, stating that if they were found to be conspecific, *inedita* would be the correct name. This is indeed the case, thus the synonymy listed above. It is not clear how many specimens Mulsant had, so the single female in the Dejean collection labeled "Amer. Bor., LeConte" is here designated lectotype.

¹Mail address: c/o U. S. National Museum, Washington, D. C. 20560.

Hyperaspidium venustula (Mulsant), **new combination.***Hyperaspis venustula* Mulsant, 1850:671.

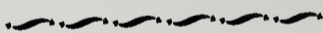
This species was placed as a junior synonym of *Hyperaspis lugubris* (Randall) by Dobzhansky but is actually a *Hyperaspidium* and is completely unlike any presently known North American species of *Hyperaspidium*. It is not clear how many specimens Mulsant had, so the single female in the Dejean collection labeled "Amer. bor., LeConte" is here designated lectotype.

Notes and lectotype designations

Hyperaspis rufomarginata Mulsant (1850) was correctly placed as a synonym of *H. fimbriolata fimbriolata* Melsheimer by Dobzhansky (the single female specimen in the Dejean collection labeled "Amer. Bor., LeConte" is here designated lectotype); *Hyperaspis elegans* Mulsant (1850) was correctly placed as a junior synonym of *H. undulata* (Say) by Dobzhansky (it is not clear how many specimens Mulsant had, so the single female in the Dejean collection labeled "Amer. bor., LeConte" is here designated lectotype).

REFERENCES

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- DOBZHANSKY, T. 1941. Beetles of the genus *Hyperaspis* inhabiting the United States. Smithson. Misc. Coll. 101:1-94.
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BOOK REVIEW

The Naturalists' Directory (International) Supplement. 1973. PCL Publications, Inc., P. O. Box 583, South Orange, N. J. 07079. \$2.00 if paid in advance, \$2.50 if billed. 58 p.

This is a supplement to the 41st edition (1972), brought up to date to Sept. 1, 1973. The 42nd edition is now in preparation. This supplement has 2 new indexes (in addition to the listing of names by States and Countries): 1) by specialty, and 2) alphabetically. All members of the Coleopterists Society are urged to send for a copy of the questionnaire so they may be listed to increase the usefulness of the publication.—R. E. Woodruff